



2827

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Attorney Docket No.: 3339.03US01

Osanai et al.

Confirmation No.: 7450

Application No.: 09/848,140

Examiner: Tuan T. Dinh

Filed: May 3, 2001

Group Art Unit: 2827

For: METAL-CERAMIC CIRCUIT BOARD AND MANUFACTURING METHOD  
THEREOF

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
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Sir:

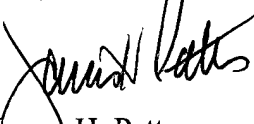
Pursuant to 37 C.F.R. § 1.56, and in addition to information disclosed in Applicants' Information Disclosure Statement filed May 3, 2001 and Supplemental Information Disclosure Statement filed December 8, 2004, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Action or Notice of Allowance.

I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).

The references were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.

Respectfully submitted,



James H. Patterson  
Registration No. 30,673

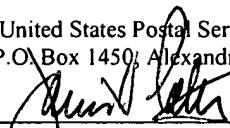
Customer No. 24113  
Patterson, Thuente, Skaar & Christensen, P.A.  
4800 IDS Center  
80 South 8th Street  
Minneapolis, Minnesota 55402-2100  
Telephone: (612) 349-5741

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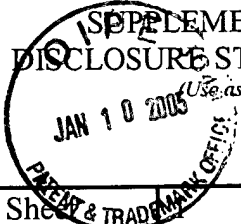
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| Substitute for form 1449/PTO<br><b>DISCLOSURE STATEMENT BY APPLICANT</b><br>(Use as many sheets as necessary)<br> |              |   | Complete if Known    |               |  |
|                                                                                                                                                                                                    |              |   | Application Number   | 09/848,140    |  |
|                                                                                                                                                                                                    |              |   | Filing Date          | May 3, 2001   |  |
|                                                                                                                                                                                                    |              |   | First Named Inventor | Osanai et al. |  |
|                                                                                                                                                                                                    |              |   | Art Unit             | 2827          |  |
| Examiner Name                                                                                                                                                                                      | Tuan T. Dinh |   |                      |               |  |
| Attorney Docket Number                                                                                                                                                                             | 3339.03US01  |   |                      |               |  |
| Sheet                                                                                                                                                                                              | of           | 1 |                      |               |  |

### U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant<br>of Cited Document |
|----------------------|--------------------------|------------------------------------------|--------------------------------|----------------------------------------------------|
|                      |                          | Number-Kind Code <sup>2</sup> (if known) |                                |                                                    |
|                      |                          | US-                                      |                                |                                                    |
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### FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL* | Cite<br>No. <sup>1</sup> | Foreign Patent Document                                                            | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant<br>of Cited Document | T <sup>6</sup> |
|----------------------|--------------------------|------------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------|----------------|
|                      |                          | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup><br>(if known) |                                |                                                    |                |
|                      |                          | EP 0676800 A2                                                                      | 10-11-1995                     | Ning et al.                                        |                |
|                      |                          | EP 11226717                                                                        | 08-24-1999                     | Mitsuteru                                          |                |
|                      |                          | EP 0827198 A2                                                                      | 03-04-1998                     | Masami et al.                                      |                |
|                      |                          | EP 0788153 A2                                                                      | 08-06-1997                     | Sasaki et al.                                      |                |
|                      |                          |                                                                                    |                                |                                                    |                |
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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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